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NOTICE OF ALLOWANCE AND FEE(S) DUE

26161

7590

10/23/2008

FISH & RICHARDSON PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022 EXAMINER

KALAFUT, STEPHEN J

ART UNIT PAPER NUMBER

1795 DATE MAILED: 10/23/2008

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
_	10/535,532	05/15/2006	Peter David Hood	17638-006US1	1617
-	PIET E OF INTENEDON E	TIEDS CAT ENTED CONTACTOR	INTUE/P29548		

TITLE OF INVENTION: THERMAL ENERGY MANAGEMENT IN ELECTROCHEMICAL FUEL CELLS

I	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
	nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/23/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notificate		ng the Patent, advance on nerwise in Block 1, by (a	ders and notification of n a) specifying a new corres	naintenance fees w pondence address;	rill be and/or	mailed to the current (b) indicating a sepa	correspondence address as urate "FEE ADDRESS" for
	ENCE ADDRESS (Note: Use Bl	Fee(s) Transmittal. Thi rs. Each additional	s certif I paper	icate cannot be used f	or domestic mailings of the or any other accompanying nt or formal drawing, must	
FISH & RICHA P.O. BOX 1022 MINNEAPOLIS		/2008		Com	tificate	of Mailing or Trans	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
							(Depositor's name)
			_				(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/535,532 ITTLE OF INVENTION	05/15/2006 : THERMAL ENERGY	MANAGEMENT IN EL	Peter David Hood ECTROCHEMICAL FUE	L CELLS		.7638-006US1 NTUE/P29548	1617
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	01/23/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
KALAFUT, STEPHEN J 1795			429-034000	l			
"Fee Address" ind: PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	ondence address (or Cha 3/122) attached. ication (or "Fee Address 12 or more recent) attach ND RESIDENCE DATA ess an assignee is ident h in 37 CFR 3.11. Comp	nge of Correspondence Indication form and. Use of a Customer A TO BE PRINTED ON T	2. For printing on the p (1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent attool listed, no name will be THE PATENT (print or type data will appear on the path a substitute for filing and (B) RESIDENCE: (CITY)	3 registered patentely, efirm (having as a gent) and the namentely or agents. If printed. e) tent. If an assignessignment.	membes of upno name	er a 2p to lee is 3lentified below, the de	ocument has been filed for
4a. The following fee(s): ☐ Issue Fee ☐ Publication Fee (N		4t permitted)	o. Payment of Fee(s): (Plea A check is enclosed. Payment by credit care The Director is hereby overpayment, to Depo	se first reapply and I. Form PTO-2038 authorized to char	is atta	iously paid issue fee sched.	
a. Applicant claim	tus (from status indicated s SMALL ENTITY stated Publication Fee (if region)	is. See 37 CFR 1.27.	b. Applicant is no long				
interest as shown by the i	records of the United Sta	tes Patent and Trademark	Office.	apprount, a regi		orne, or agent, or th	ne assignee or other party in
Authorized Signature				Date			
Typed or printed name				_			
an application. Confident submitting the completed his form and/or suggesti	tiality is governed by 35 application form to the ons for reducing this but irginia 22313-1450. DC	U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the	1.14. This collection is est depending upon the indiv e Chief Information Office	imated to take 12 r idual case. Any co r. U.S. Patent and	ninutes mment Traden	to complete, including s on the amount of time park Office, U.S. Depar	by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

OMB 0651-0033

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/535,532 05/15/2006		Peter David Hood	17638-006US1 INTLIE/P29548	1617	
26161 75	590 10/23/2008		EXAMINER		
FISH & RICHAI	RDSON PC	KALAFUT, STEPHEN J			
P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022			ART UNIT	PAPER NUMBER	
			1795		
			DATE MAILED: 10/23/2008		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 200 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 200 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)					
	10/535,532	HOOD ET AL.					
Notice of Allowability	Examiner	Art Unit					
	Stephen J. Kalafut	1795					
	Stephen 3. Natarut	1193					
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commur GHTS . This application is su	this application. If not includ nication will be mailed in due	led course. THIS				
1. This communication is responsive to <u>applicant's paper of 0</u>	7 July 2008.						
2. The allowed claim(s) is/are <u>1-19,22 and 23</u> .							
 3. ☐ Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 	a) ☐ All b) ☐ Some* c) ☐ None of the:						
2. ☐ Certified copies of the priority documents have		No.					
3. Copies of the certified copies of the priority do	• • •	<u> </u>	ation from the				
International Bureau (PCT Rule 17.2(a)).							
* Certified copies not received:							
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.							
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			NOTICE OF				
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.						
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review	(PTO-948) attached					
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date							
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date						
	Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).						
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.							
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 Notice of Info	ormal Patent Application					
 Notice of References Cited (PTO-092) Notice of Draftperson's Patent Drawing Review (PTO-948) 	6. ☐ Interview Sui	• •					
	Paper No./M	lail Date					
3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>07 July 2008</u>	7. ∐ Examiner's A	mendment/Comment					
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's S	Statement of Reasons for All	owance				
	9.	•					